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HAROLD LEGGETT, PH.D.
SECRETARY

State of Louisiana
DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL SERVICES
JUL 28 2008

Certified Mail# 7008 1140 0002 5901 0732

File No.: LA0005401

AI No.: 286

Activity No.: PER20080004

Daniel L. Schuessler, Plant Manager
ExxonMobil Chemical Company
Baton Rouge Chemical Plant
Post Office Box 241
Baton Rouge, Louisiana 70821-0241

RE: Draft Major Modification of Louisiana Pollutant Discharge Elimination System (LPDES)
permit LA0005401 effective on July 1, 2006

Dear Mr. Schuessler:

This Office received your LPDES permit modification request on June 24, 2008. After review of the request, the draft permit modifications are as follows:

1. The draft modification authorizes the measurement frequency and sample type for flow at Outfall 003 as 1/day by estimate for periods when the outfall is inundated by the waters of Monte Sano Bayou.

Attached are the draft revisions to the Effluent Limitations pages (Part I, pages 6 and 7 of 10), the revised Part II Page (Part II, Page 21 of 21) and the modified Title Page for the requested modifications. Please note that this is a DRAFT MODIFICATION only. Authorization to change your discharge will be granted only upon the receipt of an approved modification from this Office. All other conditions of the permit LA0005401 shall continue unchanged and remain valid until the expiration date of the permit. In accordance with LAC 33:IX.3105.B.2, only those permit limitations and conditions pertaining to the draft modification(s) are open for public comment.

This Office will publish a public notice one time in a local newspaper of general circulation and the Office of Environmental Services Public Notice Mailing List. A copy of the public notice containing the specific requirements for commenting to this draft permit action will be sent under separate cover at the time the public notice is arranged. In accordance with LAC 33:IX.6521.A, the applicant shall receive and is responsible for paying the invoice(s) from the above mentioned newspaper. LAC 33:IX.6521.A states: "...The costs of publication shall be borne by the applicant."

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The invoice and a copy of the fee regulations will be sent under a separate cover letter as applicable. A copy of the entire Louisiana Water Quality Regulations may be obtained from the DEQ Office of Environmental Assessment, Post Office Box 4314, Baton Rouge, Louisiana 70821-4314, (225) 219-3236.

Pursuant to LAC 33:IX.1309.I, LAC 33:IX.6509.A.1 and LAC 33:I.1701, you must pay any outstanding fees to the Department. Therefore, you are encouraged to verify the facility's fee status by contacting LDEQ's Office of Management and Finance, Financial Services Division (225) 219-3863. Failure to pay in the manner and time prescribed could result in applicable enforcement actions as prescribed in the Environmental Quality Act, including, but not limited to revocation or suspension of the applicable permit, and/or assessment of a civil penalty against you.

To ensure that all correspondence regarding this facility is properly filed into the Department's Electronic Document Management System, you must reference your Agency Interest (AI) number 286 and LPDES permit number LA0005401 on all future correspondence to this Department, including Discharge Monitoring Reports.

Should you have any questions concerning any part of the draft modification please feel free to contact Melanie Connor, of the Office of Environmental Services, at the address on the preceding page or by telephone at (225) 219-3088.

Sincerely,



Jesse Chang
Environmental Scientist Manager
Industrial Water Permits

MBC

Attachment(s) including Title page, Part I and II pages and factsheet:

cc: Permit Compliance Unit
Office of Environmental Compliance

Scott Guilliams
Water Permits Division

Sondra McDonald (6WQ-AT)
U.S. EPA, Region VI
1445 Ross Ave., Suite 1200
Dallas, TX 75202-2733

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Public Participation Group (for public notice)
Office of Environmental Assistance

Gayle Denino
Office of Management & Finance

c: all attachments:

Melanie Connor
Water Permits Division

IO-W File



PERMIT NUMBER
LA0005401
AI 286

OFFICE OF ENVIRONMENTAL SERVICES
Water Discharge Permit

Pursuant to the Clean Water Act, as amended (33 U.S.C. 1251 et seq.), and the Louisiana Environmental Quality Act, as amended (La. R. S. 30:2001 et seq.), rules and regulations effective or promulgated under the authority of said Acts, and in reliance on statements and representations heretofore made in the application, a Louisiana Pollutant Discharge Elimination System permit modification is issued authorizing

ExxonMobil Chemical Company
Baton Rouge Chemical Plant
Post Office Box 241
Baton Rouge, Louisiana 70821-0241

Type Facility: Organic chemicals, synthetic rubber, and petroleum resins manufacturing facility

Location: 4999 Scenic Highway in Baton Rouge
East Baton Rouge Parish

Receiving Waters: Monte Sano Bayou (070504)

to discharge in accordance with effluent limitations, monitoring requirements, and other conditions set forth in Parts I, II and III attached hereto.

This permit and the authorization to discharge were effective on July 1, 2006 and shall expire five (5) years from the original effective date of the permit.

This permit has not been previously modified.

This modification shall become effective on _____

Issued on _____

DRAFT

Cheryl Sonnier Nolan
Assistant Secretary

PART I

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

During the period beginning the effective date and lasting through the expiration date the permittee is authorized to discharge from:

Outfall 003, the continuous discharge of cooling tower blowdown, raw river water, non-process area stormwater, regeneration water, steam condensate, well water, eye wash and safety showers, and fire training and equipment test waters.

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	STORET Code	Discharge Limitations				Monitoring Requirements	
		Monthly Average	Daily Maximum	Monthly Average	Other Units (lbs/day, UNLESS STATED) (mg/L, UNLESS STATED) Daily Maximum	Measurement Frequency	Sample Type
Flow-MGD	50050	---	---	Report	Report	Continuous	Recorder
Flow-MGD (*3)(*4)	50050	---	---	Report	Report	1/day	Estimate
Oil and Grease	03582	---	---	---	15	1/week	Grab
TOC	00680	---	---	---	50	1/week	24-hr. Composite
TRC	50060	---	---	---	Report	1/quarter	Grab
pH Range Excursions (Continuous Monitoring), Number of Events >60 Minutes	82581	---	0(*1)	---	---	Continuous	Recorder
pH Range Excursions (Continuous Monitoring), Monthly Total Accumulated Time in Minutes	82582	---	446(*1)	---	---	Continuous	Recorder
pH Min/Max Values (Standard Units)	00400	---	---	Report (Min)	Report (Max)	Continuous	Recorder
<u>WHOLE EFFLUENT (ACUTE)</u> <u>TOXICITY TESTING</u>		(Percent %, UNLESS STATED)					
	STORET Code			Monthly Avg Minimum	48-Hour Minimum	Measurement Frequency(*2)	Sample Type
NOEC, Pass/Fail [0/1], Lethality, Static Renewal, 48-Hour Acute, <u>Pimephales promelas</u>	TEM6C	---	---	Report	Report	1/quarter	24-hr. Composite
NOEC, Value [%], Lethality, Static Renewal, 48-Hour Acute, <u>Pimephales promelas</u>	TOM6C	---	---	Report	Report	1/quarter	24-hr. Composite
NOEC, Value [%], Coefficient of Variation, Static Renewal, 48-Hour Acute, <u>Pimephales promelas</u>	TQM6C	---	---	Report	Report	1/quarter	24-hr. Composite
NOEC, Pass/Fail [0/1], Lethality, Static Renewal, 48-Hour Acute, <u>Daphnia pulex</u>	TEM3D	---	---	Report	Report	1/quarter	24-hr. Composite

PART I

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (Outfall 003 continued)

NOEC, Value [%], Lethality, Static Renewal, 48-Hour Acute, <u>Daphnia pulex</u>	TOM3D	---	---	Report	Report	1/quarter	24-hr. Composite
NOEC, Value [%], Coefficient of Variation, Static Renewal, 48-Hour Acute, <u>Daphnia pulex</u>	TQM3D	---	---	Report	Report	1/quarter	24-hr. Composite

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outfall 003, samples from a slipstream of Outfall 003 are taken in Analyzer House "B", approximately 50 feet west of the Outfall, prior to combining with the waters of Monte Sano Bayou.

FOOTNOTE(S):

- (*1) The pH shall be within the range of 6.0 - 9.0 standard units at all times subject to the continuous monitoring pH range excursion provisions at Part II.I. Note – pH shall be continuously monitored in accordance with EPA Method 150.2 or any other method approved by this Office
- (*2) See Part II.O.4. Monitoring frequency reduction.
- (*3) The sample type of estimation in only allowed during times when Outfall 003 becomes inundated with the waters of Monte Sano Bayou.
- (*4) See Part II, Section P.

Part II

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OTHER REQUIREMENTS (continued)

A copy of the Final Report on Toxicity Reduction Evaluation Activities shall also be submitted to the above addresses

- e. Quarterly testing during the TRE is a minimum monitoring requirement. LDEQ recommends that permittees required to perform a TRE not rely on quarterly testing alone to ensure success in the TRE, and that additional screening tests be performed to capture toxic samples for identification of toxicants. Failure to identify the specific chemical compound causing toxicity test failure will normally result in a permit limit for whole effluent toxicity limits per federal regulations at 40 CFR 122.44(d)(1)(v) and state regulations at LAC 33:IX.2707.D.1.e.

P. Reporting Requirements for Flow During Inundation of Outfalls 003 and/or 004

The permittee shall monitor flow at Outfalls 003 and 004 continuously by recorder at all times with the following exception: When either Outfall 003 or Outfall 004 becomes inundated with waters of Monte Sano Bayou, the permittee is allowed to monitor flow on a daily basis by estimation.

The following monitoring requirements shall apply to the permittee upon monitoring for flow by estimation during times of inundation of Outfall 003 and/or 004.

1. Estimated flow monitoring at Outfalls 003 or 004 is only allowed during times when the outfall is inundated with waters of Monte Sano Bayou.
2. The permittee must notify the LDEQ Office of Environmental Compliance orally within 24 hours of switching between monitoring changes of flow from recorder to estimate and when switching back to recorder from estimate.
3. The permittee must submit a written report along with the DMR indicating the start and end dates and the duration in days of the monitoring of flow by estimate for Outfalls 003 and/or 004. The report shall also include the date and time that the permittee orally notified the LDEQ Office of Environmental Compliance.
4. The permittee must report the monitoring values for flow in the appropriate section of the DMR. Should the change of monitoring sample type from recorder to estimate or estimate to recorder occur within the same monitoring period, the permittee must report the values of flow on the DMR for both the continuous/recorder and daily/estimate monitoring.